

N:\Projects\T40000\T47111 LowerDarbyData\GIS\RI Report December 2006\3-1 Aerial Base Mapping.mxd

0 600 1,200 2,400 3,600 4,800 6,000 Feet  
1:36,000 1 inch equals 3,000 feet

### Legend

- State Roads
- Local Roads
- Railroads
- Creeks



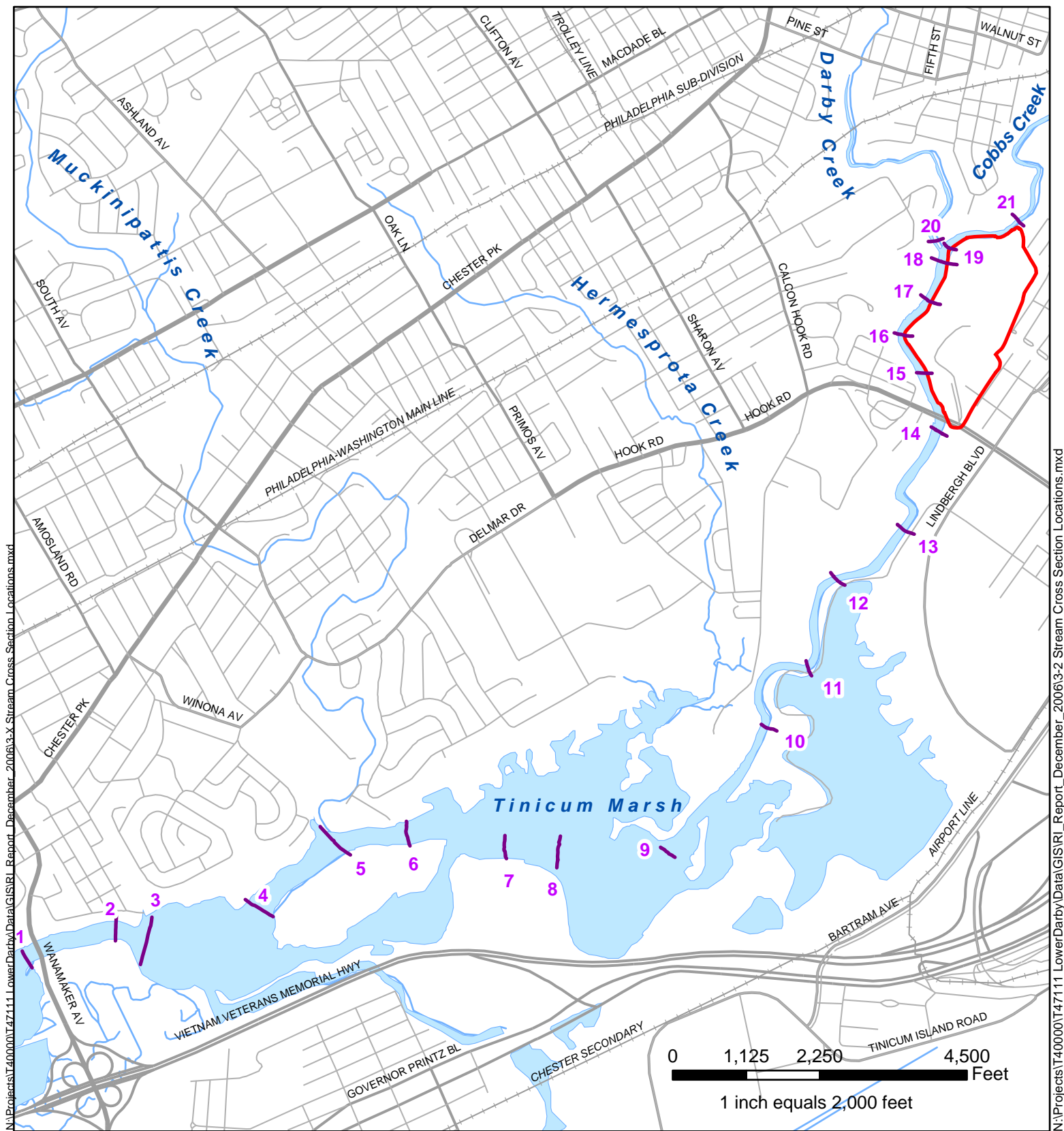
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### Figure 3-1

Aerial Base Mapping for the Study Area:  
Lower Darby Creek Area  
Pennsylvania

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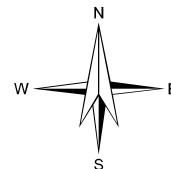


## Legend

- Historical Extent of Clearview Landfill
- Stream Cross Section Locations



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**Figure 3-2**  
 Stream Cross Section Locations  
 for Stream Profiles  
 Lower Darby Creek Area  
 Pennsylvania

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Grid in PA State Plane South (ft)

T47111.01

- County Boundary
- Historical Extent of Clearview Landfill
- Clearview Landfill
- City Park
- Eastwick Neighborhood

- Shallow Boreholes Installed in April 2003
- Shallow Boreholes Installed in May 2003
- Vapor Monitoring Wells installed in February 2004
- Catch Basins Sampled in April 2003

0 125 250 500 750 Feet  
1 inch equals 250 feet 1:3,000



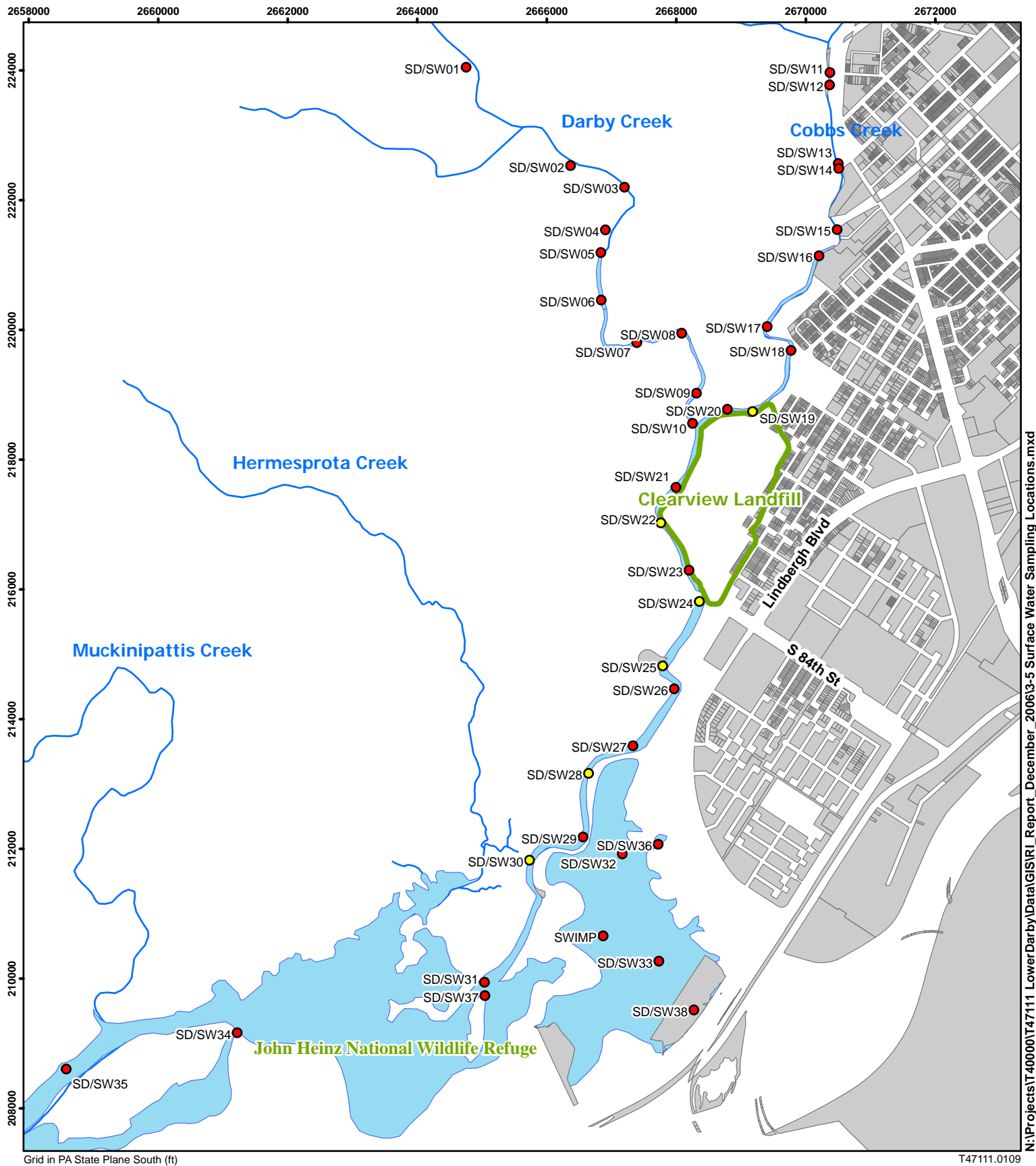
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**Figure 3-4**  
Locations of Soil Gas Readings from  
Shallow Boreholes, Stormwater Catc  
Basins, and Vapor Monitoring Wells  
Clearview Landfill  
Pennsylvania

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## Legend



Historical Extent of Clearview Landfill



Sampled in 2002

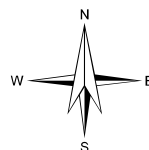


Sampled in 2002/2005

0 1,000 2,000 4,000 Feet  
1:24,000 1 inch equals 2,000 feet



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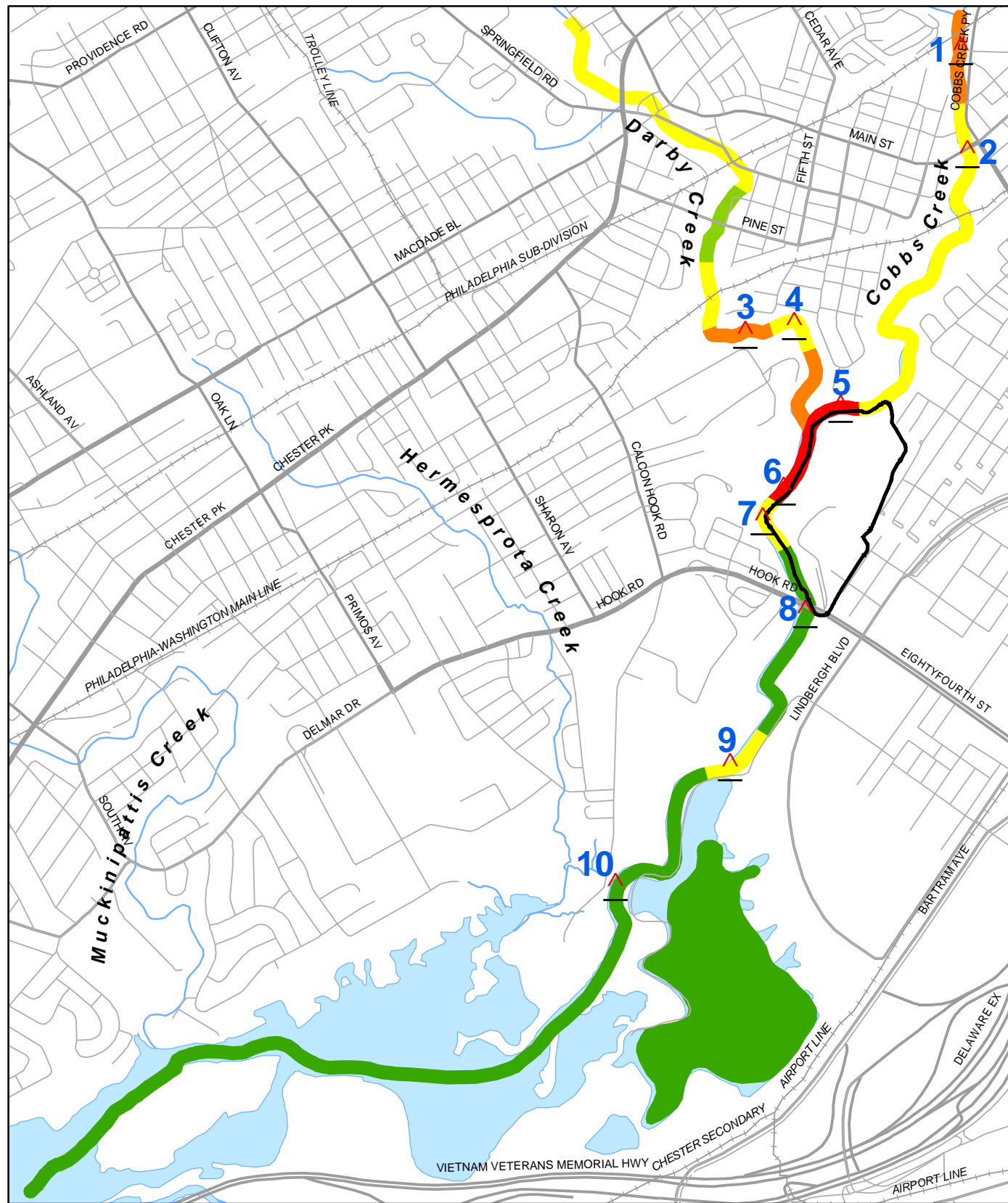


**Figure 3-5**

Surface Water and Sediment  
Sampling Locations  
Lower Darby Creek Area  
Pennsylvania

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N:\Projects\T40000\T47111 LowerDarby\Data\GIS\RI\_Report\_December\_2006\3-6a Garbage Density.mxd

**Legend**

- None to Light
- Light to Moderate
- Moderate
- Moderate to Heavy
- Heavy
- Clearview Landfill
- Photograph Location

0 1,250 2,500 5,000 Feet  
1:24,000 1 inch equals 2,000 feet

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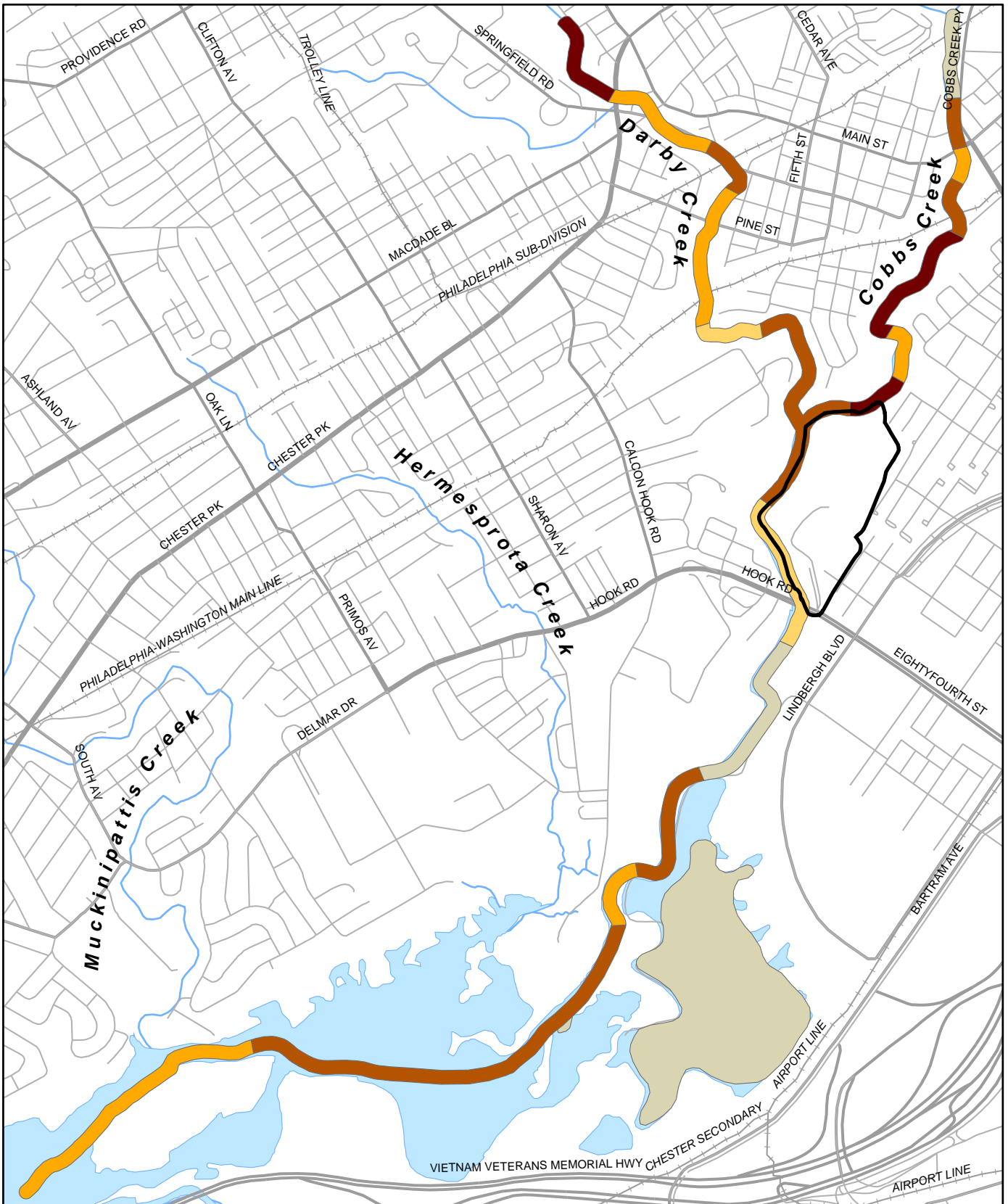


**Figure 3-6**  
Garbage Density  
Lower Darby Creek Area  
Pennsylvania

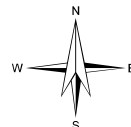
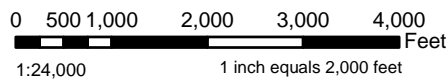
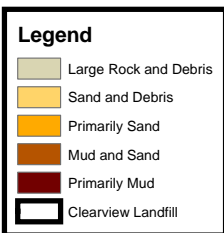
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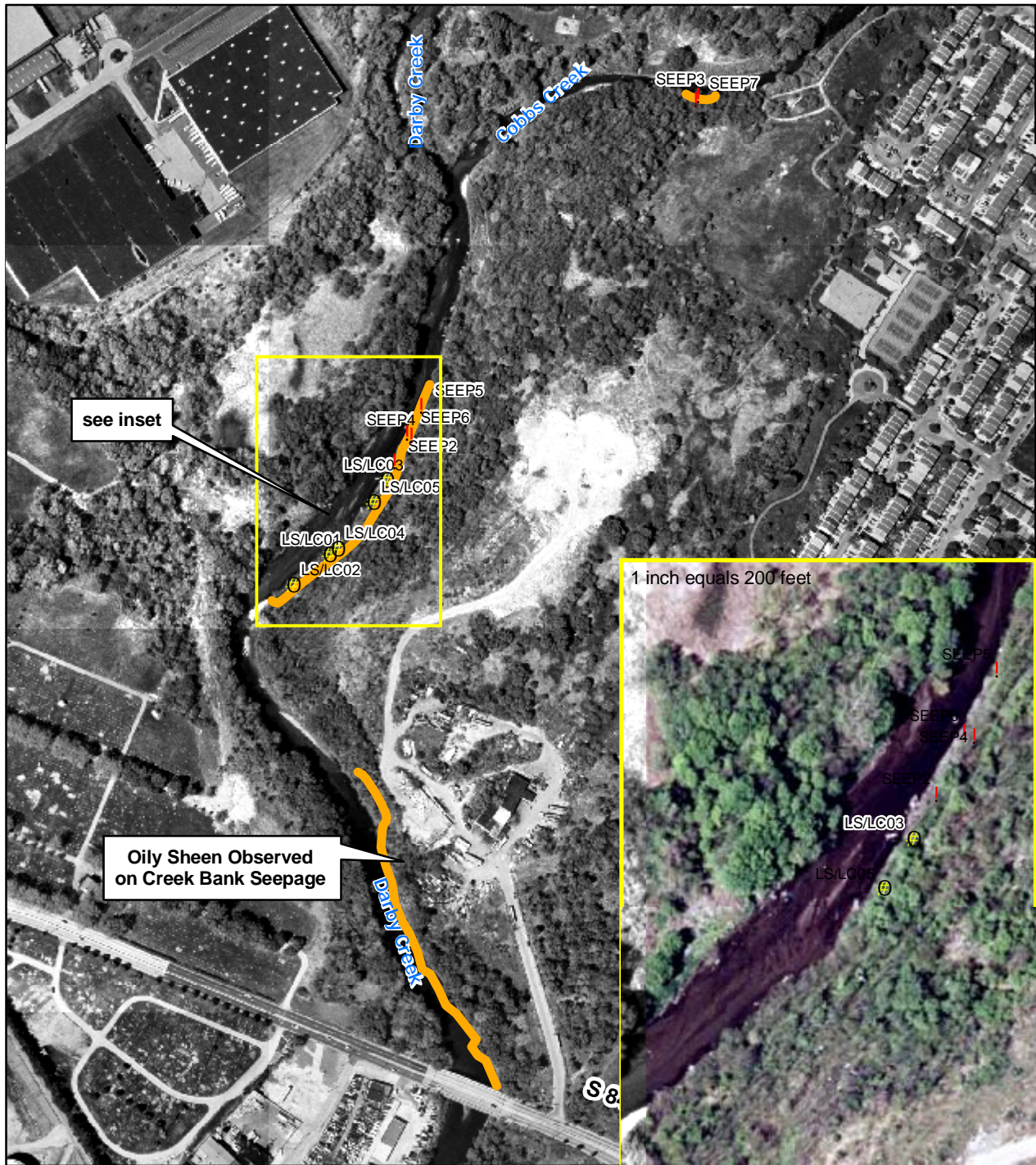
N:\Projects\T40000\T47111 LowerDarby\Data\GIS\RL\_Report\_December\_2006\3-7 Streambed Composition.mxd



**Figure 3-7**  
Streambed Composition  
Lower Darby Creek Area  
Pennsylvania

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### Legend

- Sampled in July 2002
- ! Sampled in April 2006
- Seeping Banks



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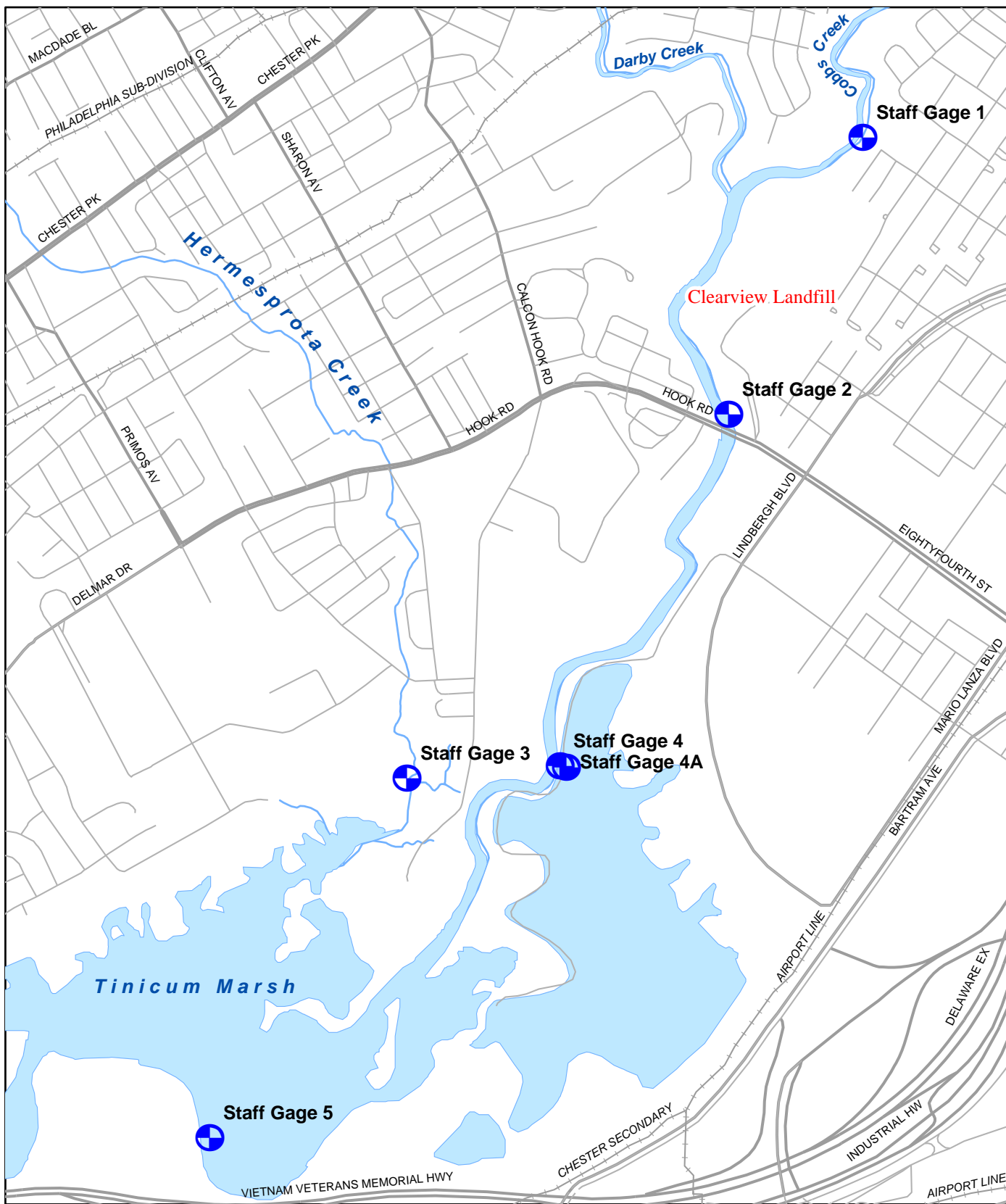
**Figure 3-8**  
 Leachate Seep Sample Locations  
 July 2002/April 2006  
 Clearview Landfill  
 Pennsylvania

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N:\Projects\T40000\T47111 LowerDarbyData\GIS\RI\_Report\_December\_2006\3-8 Leachate Seep Sample Locations.mxd





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## Legend



Staff Gage Locations

Historical Extent of Clearview Landfill

0 750 1,500 3,000 Feet

1:18,000 1 inch equals 1,500 feet



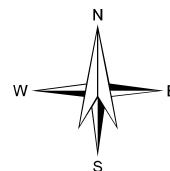
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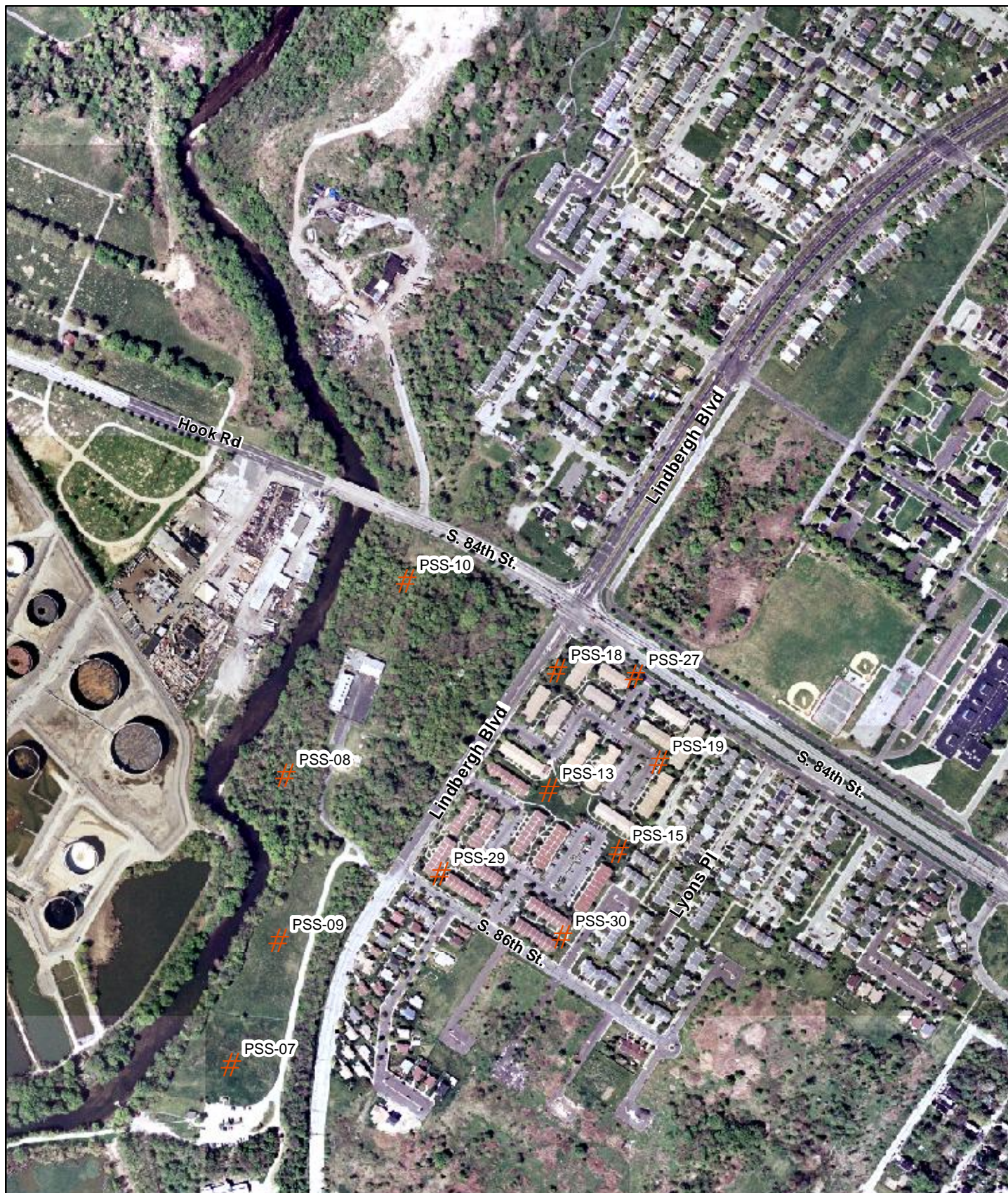


## Figure 3-9

Staff Gage Locations  
for Tidal Study  
Lower Darby Creek Area  
Pennsylvania

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Sources: Roads PennDOT from PASDA, Sample Locations from digital GPS collection. NAD83 PA State Plane South Feet.

0 250 500 1,000  
Feet

1 inch equals 510 feet



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**Figure 3-10**  
Background Soil Sampling Locations  
LOWER DARBY CREEK AREA  
PHILADELPHIA CO./DELAWARE CO., PA

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Grid in PA State Plane South (ft)

- Installed in April 2003
- # Installed in December 2005 through February 2006
- Clearview Landfill
- City Park
- Eastwick Neighborhood
- County Boundary
- Historical Extent of Clearview Landfill

400 200 0 400  
 Feet  
 1:4,800      1 inch equals 400 feet

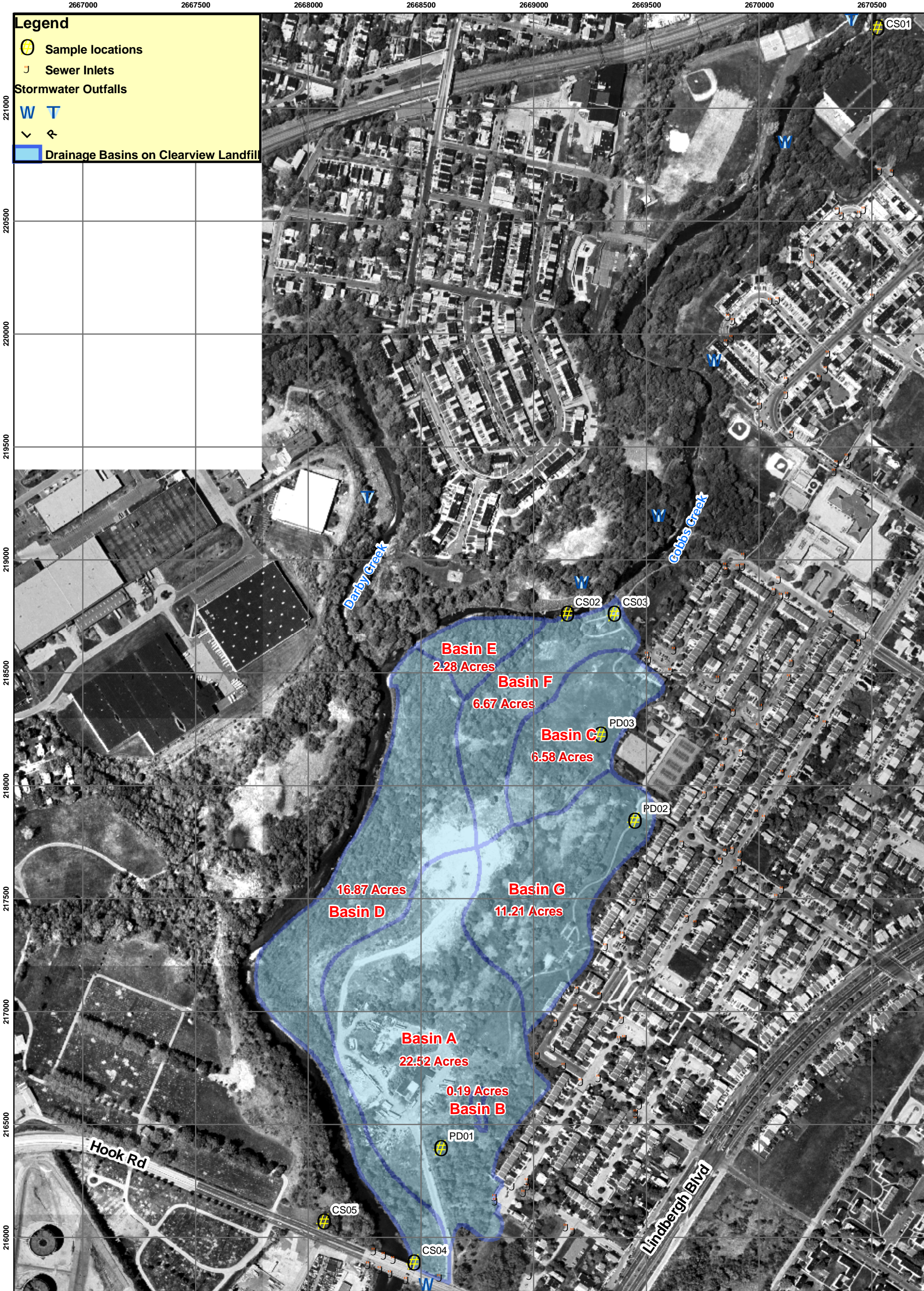
**Figure 3-11**  
Monitoring Well Locations  
Clearview Landfill  
Pennsylvania



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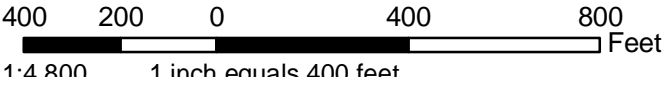
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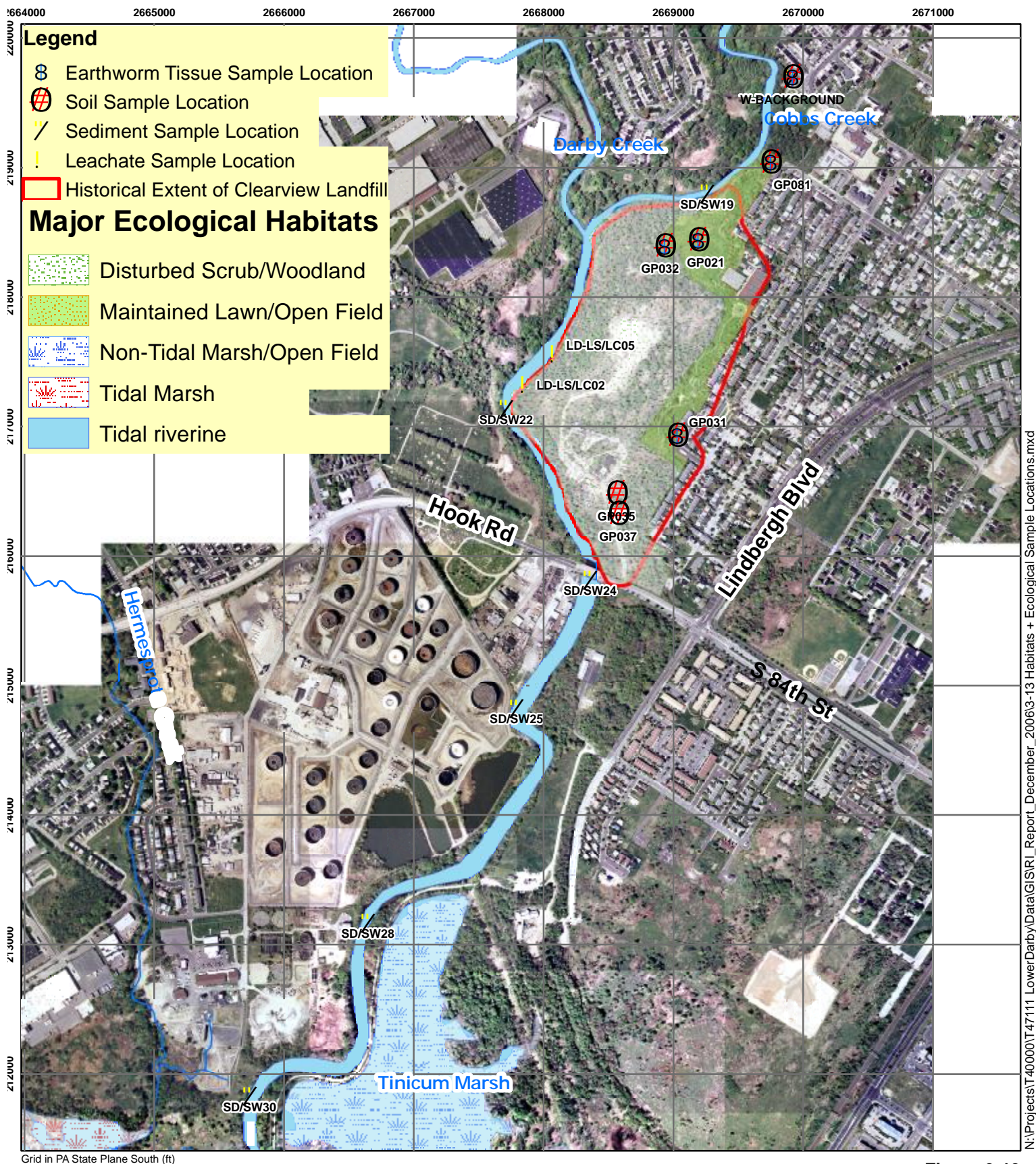


PD - Pond  
CS - Combined Sewer

**Figure 3-12**  
Drainage/Recharge E  
Stormwater Sample I  
Clearview Landfill  
Pennsylvania







Grid in PA State Plane South (ft)

0 500 1,000 2,000 Feet  
1:12,000 1 inch = 1,000 feet



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N:\Projects\T40000\T47111 LowerDarby\Data\GIS\RI\_Report\_December\_2006\3-13 Habitats + Ecological Sample Locations.mxd